

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 January 2004 (22.01.2004)

PCT

(10) International Publication Number
WO 2004/006762 A1

(51) International Patent Classification⁷: A61B 5/042,
A61N 1/05

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(21) International Application Number:
PCT/SE2003/000403

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(22) International Filing Date: 11 March 2003 (11.03.2003)

(25) Filing Language: English

(81) Designated State (*national*): US.

(26) Publication Language: English

(84) Designated States (*regional*): European patent (AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,
IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

(30) Priority Data:
0202186-3 10 July 2002 (10.07.2002) SE

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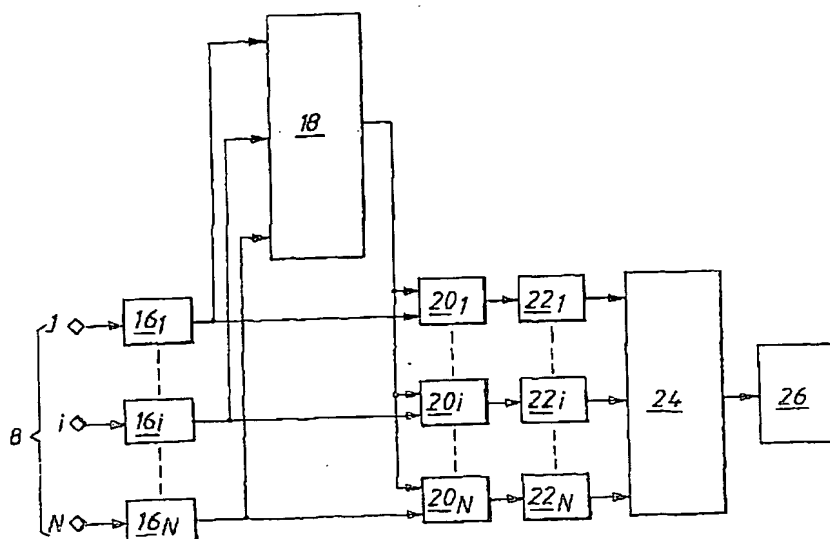
Published:
— with international search report

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*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: MEDICAL SYSTEM WITH A MULTI-DOT ELECTRODE, WHERE THE SUB-SIGNALS ARE COMBINED INTO
A SYNTHETIC REFERENCE



(57) Abstract: Medical system for detecting heart events including an electrode lead provided with a multi-dot electrode unit that comprises at least three dot electrodes, said multi-dot electrode unit is adapted to be used for intra-corporal sensing of heart signals. The heart signals sensed by each of the dot electrodes are applied to a processing means where the signals are combined and a synthetic reference signal is determined. The differences between each dot electrode heart signal and the synthetic reference voltage are determined, and an indication signal is formed based upon said differences, wherein said indication signal is used to detect heart events.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/00403

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61B 5/042, A61N 1/05

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61B, A61N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, INSPEC, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	EP 1013303 A1 (IMPULSE DYNAMICS (ISRAEL) LTD.), 28 June 2000 (28.06.00), figure 1, abstract --	1-13
A	US 6064905 A (WILTON W. WEBSTER, JR. ET AL), 16 May 2000 (16.05.00), figure 1, abstract --	1-13

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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Date of the actual completion of the international search

13 June 2003

Date of mailing of the international search report

16-06-2003

Name and mailing address of the ISA/

Swedish Patent Office

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/00403

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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